

Laptop ultrasound used in paediatric emergencies at Royal London Hospital

ACUSON P50 provides portability and reliability in critical situations

Valuable time is being saved during emergency paediatric procedures at The Royal London Hospital, part of Barts and The London NHS Trust, due to an ACUSON P50™ portable ultrasound system from Siemens Healthcare.

“The P50 is a truly portable device, which has enabled us to perform emergency procedures in any area of the hospital. With a dedicated machine for our paediatric unit, the infection risk is greatly reduced and the need for us to source an ultrasound system from another department has been removed,” said Dr Rosy Jalan, Consultant Radiologist at Royal London Hospital. “The additional functionality as a laptop is very impressive and this will be useful for training in the future.”

Clinicians have highlighted the simple user interface and high quality images as key benefits especially in emergency situations. The P50 offers excellent tissue differentiation, high spatial and temporal resolution as well as colour and Doppler sensitivity. It is ideal for situations where space is limited and quick access to scans is critical. In addition to being a portable ultrasound and weighing only 12 pounds, the P50 has all the functionality of an Apple Mac laptop, including Microsoft Windows®. This feature will be used in the future at The Royal London Hospital for offsite training purposes.

“Being able to react quickly in emergency situations is imperative and the P50 enables this,” said Declan Dunphy, Ultrasound Product Manager at Siemens Healthcare. “It is rewarding to see the system being used and making a positive difference in emergency situations.”

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About Siemens Healthcare

The **Siemens Healthcare Sector** is one of the world's largest suppliers to the healthcare industry. The company is a renowned medical solutions provider with core competence and innovative strength in diagnostic and therapeutic technologies as well as in knowledge engineering, including information technology and system integration. With its laboratory diagnostics acquisitions, Siemens Healthcare is the first integrated healthcare company, bringing together imaging and lab diagnostics, therapy and healthcare information technology solutions, supplemented by consulting and support services. Siemens Healthcare delivers solutions across the entire continuum of care – from prevention and early detection, to diagnosis, therapy and care. Additionally, Siemens Healthcare is the global market leader in innovative hearing instruments. The company employs more than 49,000 people worldwide and operates in 130 countries. In the fiscal year 2008 (Sept. 30), Siemens Healthcare reported sales of €11.2 billion, orders of €11.8 billion, and Sector profit of €1.2 billion. Further information can be found by visiting <http://www.siemens.co.uk/healthcare>.

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Picture caption: Staff at Royal London Hospital with the ACUSON P50 portable ultrasound device. (From left to right: Bim Grewal, Diagnostic Imaging; Martin Churchill, Coleman Superintendent; Lorraine Moon, Consultant Radiologist; Rosy Jalan, Consultant Radiologist)

